ECIR 2010 – Bletchley Banquet Quiz – Answers

1) Construct a 5-by-5 word-search grid so that the numbers ONE to EIGHT can be read either horizontally, vertically or diagonally in the grid.

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E F S S T
I O I E H
G U X V R
H R Q E E
T W O N
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2) For each of the following tri-grams, find an English word in which the three letters occur consecutively in the given order: BHU, CDO, DGM, DHP, GSA, HTF, MBM, MKH, PBO, PTC, PTN, RAO, UVR, WKW, XSW, ZVO

Examples:

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SU BHU
MAN CDO
TE DGM
JU DHP
BW GSA
THOUG HTF
UL MBM
GY MKH
CU PBO
ARD PTC
BANKRU PTN
ESS EXT
RAO RAO
```

3) I was in a hotel recently. In the lobby was one of those signs that consists of a black board with lots of holes in it and a set of plastic letters. All the letters had been arranged to form the message “IN THE EVENT OF FIRE OR EVEN SNOWING USE THE EXIT”. How many rooms were there in the hotel?

10. The letters can be re-arranged to spell the numbers from ONE to TEN

4) What is the answer to this mysterious coded message?

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FDIP PQXGODGT LQGLD KSPJ RNPJ GRVNG
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ENIGMA. Shift the letters back in the alphabet by 1 for the first word, 2 for the second etc. This yields the message ECHO NOVEMBER INDIA GOLF MIKE ALPHA which is the international radiotelephony spelling alphabet for E N I G M A

5) Arrange the 16 3x1 blocks of letters below into a 3x16 grid, one block in each column, to spell out a sentence.

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E E E E H H I O O R R R S T T T V W W
O S U M Z L E P I L E P Z S B I
E V E E H O O S E T T B S R S D
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